

Converting Colors

XYZ(71.6258, 88.1389, 98.1114)

Have a look what the booklet for
XYZ(71.6258, 88.1389, 98.1114)
contains.

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Color

**XYZ(71.7048, 88.1814,
98.0355)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFF3
RGB	184, 255, 243
RGB Percent	72%, 100%, 95%
CMY	0.2784, 0.0000, 0.0471
CMYK	0.28, 0.00, 0.05, 0.00
HSL	170°, 100%, 86%
HSV	170°, 28%, 100%
XYZ	71.7048, 88.1814, 98.0355
YIQ	232.4030, -38.4640, -18.7840

Conversions

Conversions Part 2

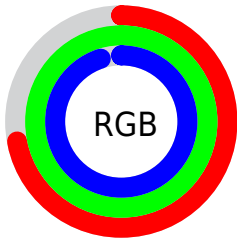
Format	Color
RYB	184, 223, 255
Decimal	12124147
CIELab	95.24, -24.30, -1.34
CIELCh	95, 24.338, 183.147
Yxy	88.1814, 0.2780, 0.3419
Android (android.graphics.Color)	4290314227 (0xFFB8FFF3)
YUV	232.4030, 5.2243, -42.4494
Hunter-Lab	93.9050, -28.0330, 3.8355

Details

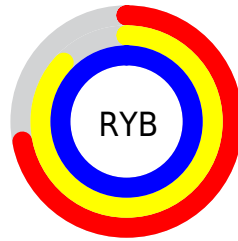
The XYZ color **71.7048, 88.1814, 98.0355** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.3450, 59.5277, 60.1129**, and the grayscale version is **76.9862, 80.9955, 88.2041**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **38.2170, 48.6432, 54.3885** is the 20% darker color. If you saturate the color by 10%, you get **65.4942, 85.0540, 94.3885**, and if you desaturate by 10%, it is **79.0336, 91.8834, 101.8174**.

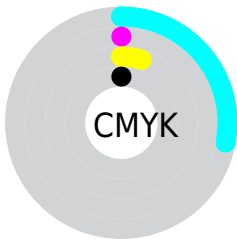
Distribution



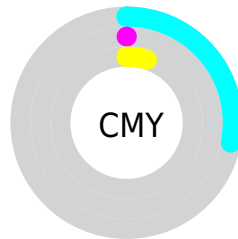
- Red (72%)
- Green (100%)
- Blue (95%)



- Red (72%)
- Yellow (87%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7048, 88.1814, 98.0355 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.7048, 88.1814, 98.0355 by changing the saturation by 10% instead.


 71.7048, 88.1814,
98.0355

 71.7048, 88.1814,
98.0355


455.6871,
522.0971, 575.0685

 53.2022, 66.4733,
74.0532


 120.6498,
144.8097, 160.4831

 38.1923, 48.6567,
54.3405


151.8229,
180.4987, 199.7856

 26.3099, 34.3473,
38.4790

187.9502,
221.6167, 245.0318

 17.1895, 23.1605,
26.0499

229.3970,
268.5483, 296.6403

 10.4658, 14.7121,
16.6349

276.5288,
321.6777, 355.0297

 5.7735, 8.6176,
9.8153

329.7108,

 2.7472, 4.4926,

381.3894, 420.6185

5.1727

389.3084,
448.0677, 493.8253

■ 1.0215, 1.9527,
2.2884

■ 0.0000, 0.5798,
0.7247

■ 71.7048, 88.1814,
98.0355

■ 71.7048, 88.1814,
98.0355

■ 65.4942, 85.0540,
94.3885

■ 79.0336, 91.8834,
101.8174

■ 60.3397, 82.4693,
90.8687

■ 87.5325, 96.1869,
105.7330

■ 56.1773, 80.3944,
87.4740

95.0500, 100.0000,
108.9000

■ 52.9351, 78.7920,
84.2005

■ 50.5310, 77.6201,
81.0438

■ 48.8685, 76.8287,
77.9988

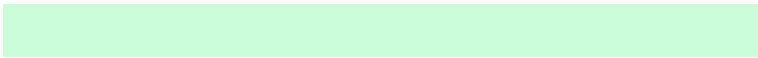
■ 47.8183, 76.3513,
75.0589

■ 47.6319, 76.2687,
74.4363

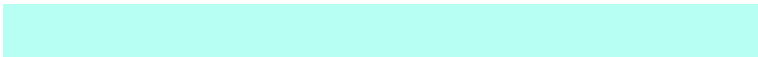
Harmonies

Analogous

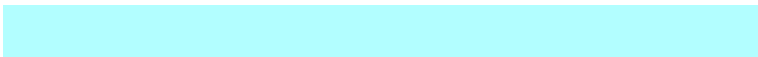
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9347, 88.1814, 80.4320



71.7048, 88.1814, 98.0355



73.5753, 88.1814, 117.4204

Triad

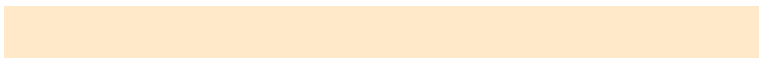
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7048, 88.1814, 98.0355



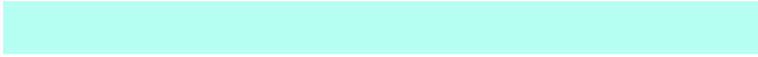
90.9881, 88.1814, 129.9860



89.7121, 88.1814, 66.9559

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



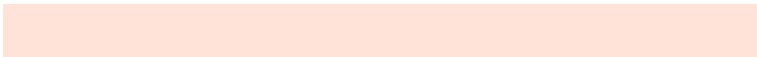
71.7048, 88.1814, 98.0355



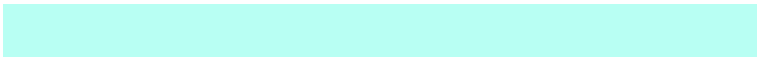
68.3450, 59.5277, 60.1129

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9606, 88.1814, 77.3824



71.7048, 88.1814, 98.0355



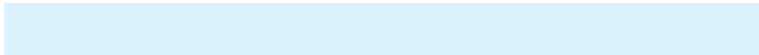
95.7242, 88.1814, 113.4899

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7048, 88.1814, 98.0355



84.5165, 88.1814, 137.3323



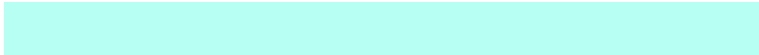
97.2146, 88.1814, 94.0216



83.1150, 88.1814, 63.9460

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7048, 88.1814, 98.0355



76.3896, 88.1814, 128.3341



97.2146, 88.1814, 94.0216



91.7040, 88.1814, 69.6351

Sweetspot

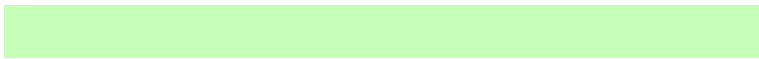
The Sweet Spot groups the original color and five complimentary colors.



71.7058, 88.1819, 98.0370



87.3889, 96.1141, 105.6701



67.4429, 86.8537, 58.5587



18.4153, 20.4256, 22.4899



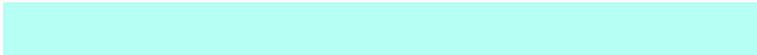
0.0000, 0.0000, 0.0000



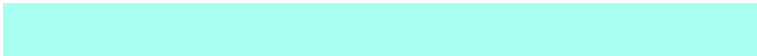
20.3446, 21.4041, 23.3091

Same Dimension

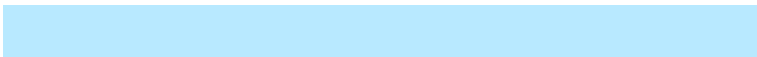
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7058, 88.1819, 98.0370



68.3661, 86.4988, 96.1388



66.8203, 75.4157, 105.6426



18.4153, 20.4256, 22.4899



24.9373, 39.8715, 39.1506



2.4614, 3.8955, 3.9875

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.3450, 59.5277, 60.1129



64.5390, 53.8350, 52.9278



72.0803, 69.0974, 54.8870



18.1346, 18.0372, 19.3260



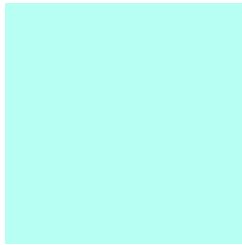
21.8139, 11.2148, 2.4044



2.1572, 1.1053, 0.4094

Previews

White Background



This preview shows how the XYZ color 71.7048, 88.1814, 98.0355 looks on a white background.

Color Contrast Check

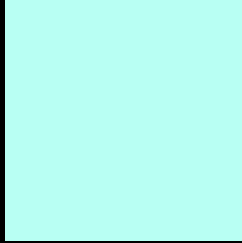
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.7048, 88.1814, 98.0355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

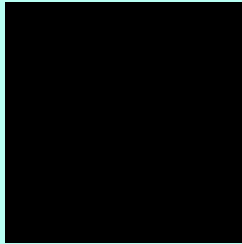
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

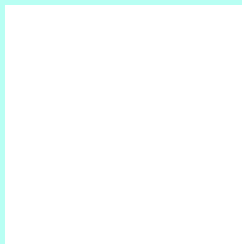
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7048, 88.1814, 98.0355

Background



This preview shows how black text looks on a background with the XYZ color 71.7048, 88.1814, 98.0355.

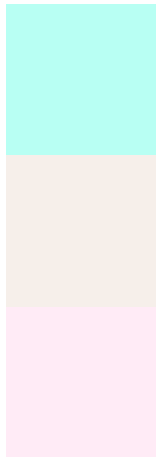


This preview shows how white text looks on a background with the XYZ color 71.7048, 88.1814,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.7048, 88.1814, 98.0355

Protanopia

83.7238, 87.2663, 90.2733

Deuteranopia

87.5829, 87.3305, 99.4291



Tritanopia

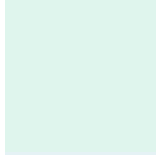
79.9158, 87.5849, 107.3013

Trichromacy



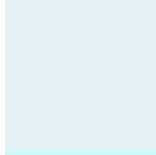
Original Color

71.7048, 88.1814, 98.0355



Protanomaly

78.3699, 87.1072, 92.8036



Deuteranomaly

80.5467, 86.7548, 98.8863



Tritanomaly

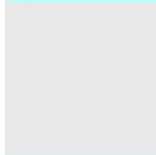
76.7419, 87.8382, 104.1765

Monochromacy



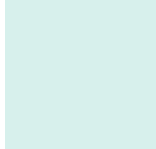
Original Color

71.7048, 88.1814, 98.0355



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.3247, 82.8234, 91.4261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7048, 88.1814, 98.0355 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 243)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 71.7048, 88.1814, 98.0355 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 255, 243) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 255, 243) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 255, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7048, 88.1814, 98.0355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 243) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
255, 243) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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